

**NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF ENVIRONMENTAL SAFETY AND HEALTH
OFFICE OF QUALITY ASSURANCE
FEBRUARY 2014 MONTHLY REPORT**

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SECTION II – LABORATORY CERTIFICATION PROGRAM

1. OQA conducted in-house audits on the following facilities:

| Laboratory Name | ID# |
|-----------------------------------|-------|
| Alpha Analytical | MA935 |
| American Halal | 07083 |
| AmeriSci Richmond | VA012 |
| Aramark Uniform & Career Apparel | 07096 |
| Arol Chemical | 07070 |
| Bordentown Sewerage Authority | 03832 |
| Burlington Township Sewer | 03218 |
| Caldwell Wastewater T. P. | 07550 |
| Center for Environmental Systems | 09025 |
| Chatham Hills STP | 14044 |
| Construction and Marine Equipment | 20482 |
| EMSL Analytical | 03036 |
| Gza Geoenvironmental | PA083 |
| Honig Chemical & Processing | 07001 |
| Linden Roselle Sewerage Authority | 20232 |
| Lorco Petroleum Services | 20015 |
| Mara Polishing & Plating Co. | 07098 |

1. OQA conducted in-house audits on the following facilities (cont.):

| Laboratory Name | ID# |
|------------------------------------|-------|
| New Jersey Analytical Laboratories | 11005 |
| Pemberton Township MUA | 03782 |
| Salem Generating Station | 17327 |
| South State | 06008 |

2. OQA conducted on-site audits at the following facilities:

| Laboratory Name | ID# |
|--|-------|
| American Halal | 07083 |
| AmeriSci Richmond | VA012 |
| Aramark Uniform & Career Apparel | 07096 |
| Arol Chemical | 07070 |
| Bordentown Sewerage Authority | 03832 |
| Borough Of Florham Park | 14023 |
| Burlington Township Sewer | 03218 |
| Caldwell Wastewater T. P. | 07550 |
| Chatham Hills STP | 14044 |
| City Barrel | 07099 |
| Congoleum Corporation Plant 2 | 11014 |
| Construction and Marine Equipment | 20482 |
| EMSL Analytical | 03036 |
| EPA Region 3 | MD004 |
| Freehold Township Utilities | 13010 |
| Groundwater & Environmental Services | 13400 |
| Homasote Company | 11925 |
| Honig Chemical & Processing | 07001 |
| Kampack Frontage Road | 07095 |
| Legends Resort | 19935 |
| Lorco Petroleum Services | 20015 |
| Mara Polishing & Plating Co. | 07098 |
| Pemberton Township MUA | 03782 |
| Precision Analytical Systems | 15001 |
| QC Inc. / East Rutherford Division | 02015 |
| Salem Generating Station | 17327 |
| South Monmouth Regional Sewerage Authority | 13582 |
| South State | 06008 |
| USEPA R 3 Office of Analytical Services and QA | MD004 |

- 3. OQA issued final audit reports detailing deficiencies determined during on-site assessments for the following facilities:** (The number of pages indicates the number of pages of deficiencies found and sent to the laboratory.)

| Laboratory Name | ID# | Pages |
|--------------------------------------|-------|-------|
| Borough of Hightstown AWWTP | 11855 | 5 |
| Burlington Township Sewer | 03218 | 4 |
| Center for Environmental Systems | 09025 | 7 |
| ChemaId Laboratories | 02019 | 4 |
| Congoleum Corporation Plant 2 | 11014 | 2 |
| Ensolv | 01002 | 3 |
| Groundwater & Environmental Services | 13400 | 4 |
| Imperial Plating | 02020 | 2 |
| Kampack Frontage Road | 07095 | 3 |
| Kurt Versen Company | 02005 | 2 |
| Lorco Petroleum Services | 20015 | 1 |
| Madison Chatham Joint Meeting | 14028 | 6 |
| Salem Generating Station | 17327 | 5 |
| South State | 06008 | 1 |
| Suffern Plating Corp. | 02017 | 1 |
| Sure Bio Chem Laboratories | 04030 | 3 |
| The Trenton Sewer Utility | 11214 | 13 |
| Township of Morris | 14380 | 11 |

- 4. OQA conducted post final audit report activities (SOP reviews, corrective action plan reviews, changes in certification, etc.) for the following facilities:**

| Laboratory Name | ID# |
|--------------------------------------|-------|
| Accredited Analytical Resources | 12007 |
| Accutest Laboratories of New England | MA926 |
| American Aquatic Testing | PA682 |
| Aqua Pro Tech | 07010 |
| Gza Geoenvironmental | PA083 |
| Mt. Laurel MUA | 03061 |
| PA DEP Bureau of Laboratories | PA059 |
| PSEG Laboratory & Testing Services | 12061 |
| Vineland Environmental | 06003 |

5. Certification Applications Received and Processed

Initial 2
Modification 19
Renewals 5

Contact: Michael DiBalsi, 3-6752

SECTION III – PROFICIENCY TESTING (PT)

Waste Water Study:

Suspensions were issued to 15 laboratories that either failed to submit analytical results or failed to submit acceptable analytical results for both the March and September 2013 studies.

Water Supply Study:

Evaluations were begun for the laboratories required to participate in the January study.

Contact: Rachel Ellis, 7-1749

SECTION V - QUALITY ASSURANCE

Quality Assurance Project Plans (QAPPs) Reviewed:

The following QAPP were reviewed for the Division of Water Monitoring Standards: “Shellfish Growing Water Classification Program”, “Short Term Continuous Monitoring Program” and “Stream Monitoring for Effects on Water Quality by Road Salt”.

Contact: Marc Ferko, 3-2854

SECTION VI – NJEMS / WEB, NJQL DATABASE AND DATABASE MANAGEMENT

NJEMS:

At the request of Pace Analytical Services (PA051) the following was added to our Part III: SHW09.01505, ammonia by semi-automated distillation using EPA Method 350.1 and SHW09.05205, Kjeldahl nitrogen – total by semi-automated digestion using EPA Method 351.2. Also added, at the request of PA DEP (PA059), was: WPP04.29600, lithium by digestion and inductively coupled plasma (ICP) using EPA Method 200.7. As requested by EMSL (03036) method 40CFR Part 50, Appendix J was added for 10 μ particulate matter under parameter code CAP01.03000. The new contract laboratory program (CLP) parameters representing the new EPA statement of work (SOW) for both organics and inorganics, SOM02.1 and ISM02.1, respectively, were added to our Part III in preparation for the upcoming renewals.

Contact: Martin Hackman, 2-6497

LISTSERV SUBSCRIBERS:

There are currently 529 subscribers to our listserv.

Contact: Martin Hackman, 2-6497

SECTION VII – THE NELAC INSTITUTE (TNI) ACTIVITIES

Laboratory Accreditation Management System (LAMS):

A script was developed to query NJEMS in order to get the certified parameters of the secondary accredited TNI labs in our system. Currently there are about 105 laboratories. Over 60 percent of the labs have been queried. The next step will be conversion of the save query files (text files) to comma separated variable files (csv) for upload to LAMS. Approximately 50 percent of the queried labs have been completed and are being sent to Dan Hickman, the LAMS administrator.

Contact: Martin Hackman, 2-6497

SECTION IX – OTHER

Transformation:

On February 28, 2014 a meeting was held with the American Council of Independent Laboratories (ACIL) in order to provide a status update on the laboratory certification program transformation initiative. The OQA's manager Joseph Aiello and staff member Michele Potter attended the meeting, as well as the OQA's Director Paul Baldauf. In attendance for ACIL was Milton Bush along with lobbyist Lynn Nowak. An update was give on the progress of the OQA's third party assessor contract and it was stated that the office is waiting for the contract to be prioritized in order for Treasury to begin the review process. The draft proposal is currently with Treasury awaiting review. A summary of how the draft contract proposal is structured was given during the meeting and ACIL provided verbal comments regarding how the contract could be updated to meet the needs of the laboratories. ACIL asked if they could be provided a copy of the draft to review and it was stated we'd look into that request. No future meeting dates were determined.

Contact: Michele Potter, 4-3870

International Hydronics Settlement Agreement:

On February 4, 2014, the OQA in conjunction with Northern Water Compliance and Enforcement was able to finalize an outstanding Administrative Order and Notice of Civil Administrative Penalty Assessment (AONOCAPA) issued to International Hydronics Corporation (IHC). In 2012 the OQA performed a routine on-site assessment of IHC. That assessment was performed to assess the current compliance status of the laboratory and to confirm that violations cited during previous assessment(s) had been satisfactorily corrected. During the 2012 assessment it was discovered that IHC had repeat violations from the previous on-site assessment in 2010. Therefore on June 10, 2013 IHC was issued an AONOCAPA in the amount of \$47,000 for those repeat violations. The Department conducted a settlement meeting with IHC on December 5, 2013 to try and resolve the outstanding order. During the settlement meeting the

Department offered a settlement of \$21,500 and after the conclusion of the meeting IHC agreed to the terms offered and will pay the penalty in 4 quarterly payments of \$5,375.00. The settlement agreement was issued by Northern Water Compliance and Enforcement on January 16, 2014 and the signed agreement was received by the Department on February 4, 2014. Also, due to the AONOCAPA that was issued IHC has since decided to withdrawal its accreditation for the majority of parameters and has stated it will completely cease operation in the near future.

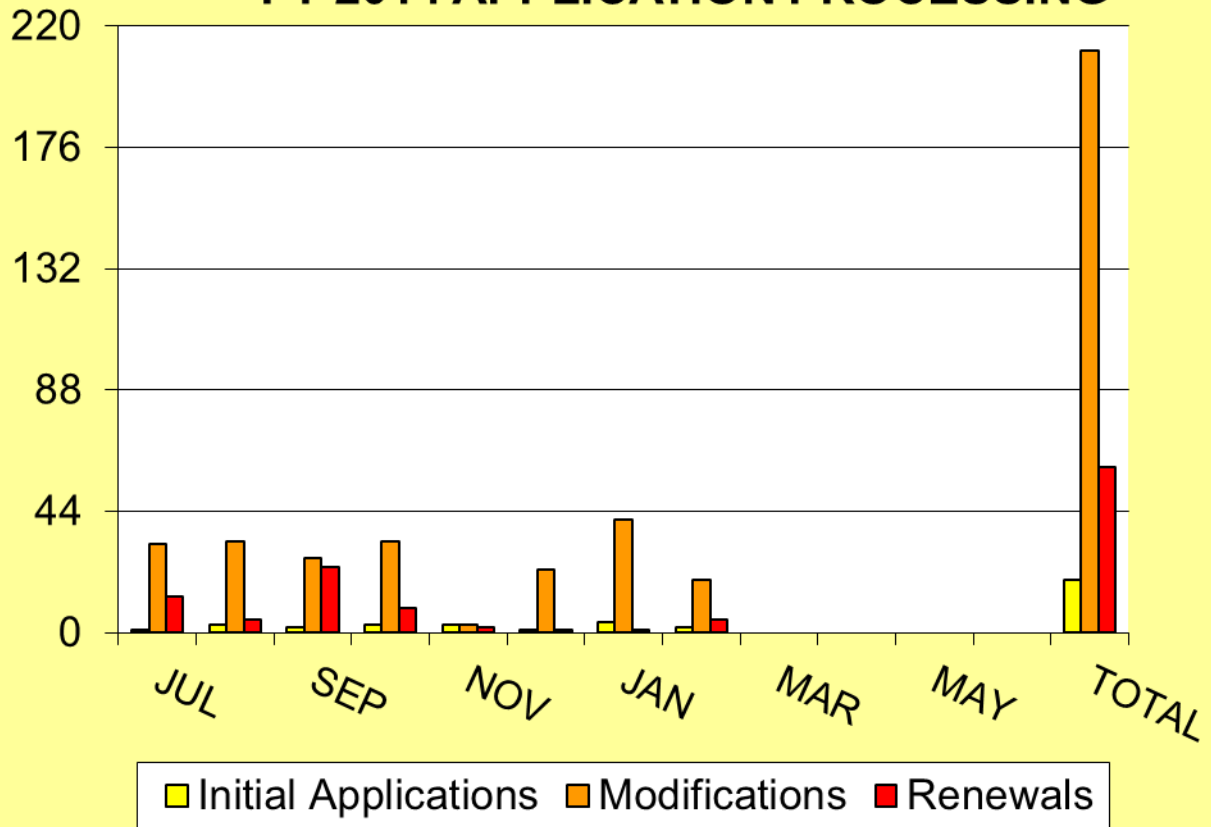
Contact: Michele Potter, 4-3870

On-site Audit Software:

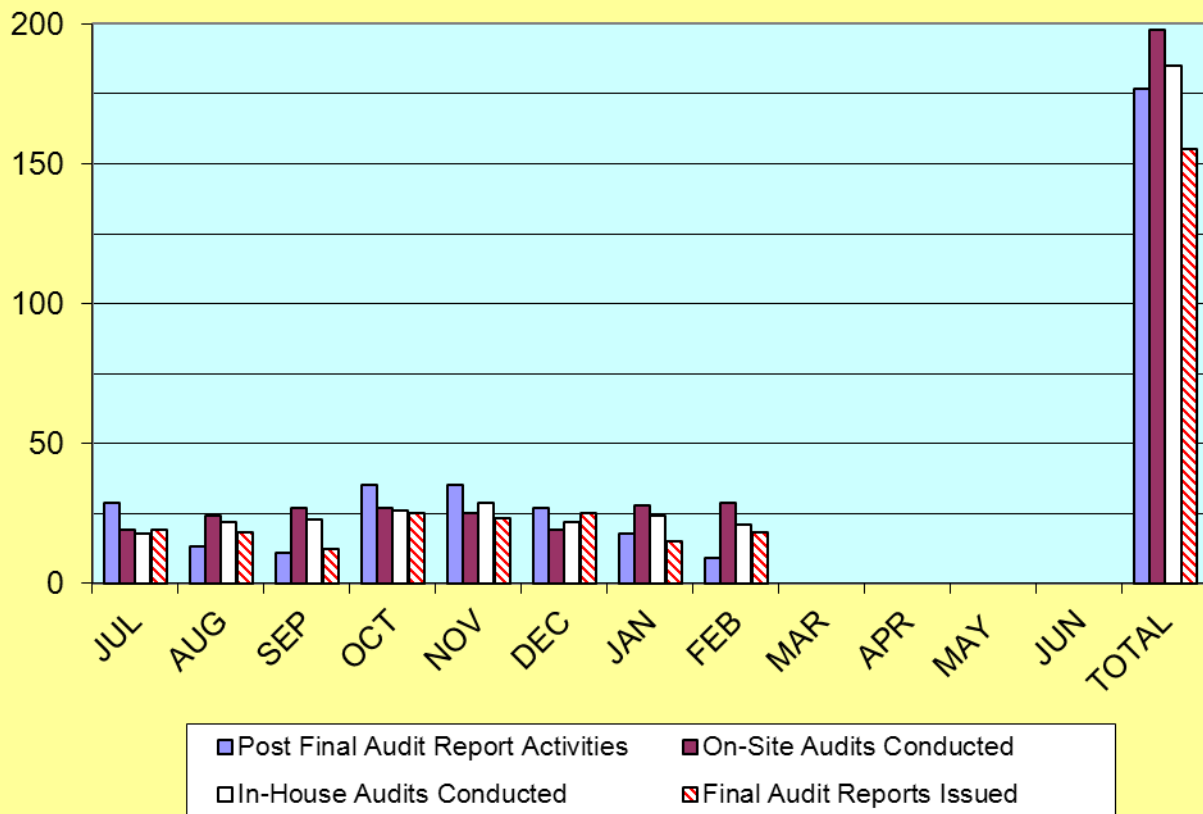
A session to familiarize OQA staff with NJEMS tools for conducting on-site audits and instant report generation using checklists and an audit report template was presented by Vas Komanduri on February 14, 2014. Those attended the session were Amy Bowman, Bernie Wilk , Bob Royce, Joe Aiello, Marty Hackman and Michele Potter. The NJEMS tools were developed by John Smith and Semu Njuki from Compliance & Enforcement. The comments on the audit template were positive. A number of suggestions were made for improvement of the template and for a working model. One of the suggestions was to add a full checklist of analyze immediate (AI) related regulations from N.J.A.C. 7:18 in order to facilitate the use of the checklist and subsequent automatic reporting for N.J.A.C. 7:18 on-site audits. Mr. Hackman found that back in July, 2013 he submitted to John Smith the LCPH requirements library profile containing virtually all the AI related regulations. LCPH was added to the training server of NJEMS (JEMX) but was no longer there due to a refresh of JEMX to Oracle 11g. Mr. Hackman contacted John Smith and requested that the LCPH profile be restored and placed in the NJEMS development server.

Contact: Vas Komanduri, 4-0855 or Martin Hackman, 2-6497.

FY 2014 APPLICATION PROCESSING



FY 2014 AUDIT ACTIVITIES



FY 2014 AUDIT BACKLOG

